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December 19, 2005

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Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Art Unit 2177

Attn: Mail Stop Amendment

Re: U.S. Utility Patent Application
Application No. 09/404,597; Filed: September 24, 1999
For: **Optimized Rule Based Constraints for
Collaborative Filtering Systems**
Inventors: Rauser *et al.*
Our Ref: 2222.0870000

Sir:

Transmitted herewith for appropriate action are the following documents:

1. PTO Fee Transmittal Form (PTO/SB/17);
2. First Supplemental Information Disclosure Statement;
3. A listing of the cited documents on Form PTO-1449 (7 pages);
4. Copies of the cited documents (FP1 - FP9; NPL1 - NPL53);
5. One (1) return postcard; and
6. Credit Card Payment Form (PTO02038) in the amount of \$180.00 to cover the Information Disclosure Statement Fee.

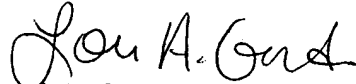
It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents
December 19, 2005
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Lori A. Gordon
Attorney for Applicants
Registration No. 50,633

MQL/LAG:smn
Enclosures

476204_1.DOC



Equivalent to Form
PTO/SB/17 (12-04)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)**180.00**

Complete if Known

Application Number **09/404,597**
Filing Date **September 24, 1999**
First Named Inventor **John Rauser**
Examiner Name **Luke S. Wassum**
Art Unit **2177**
Attorney Docket No. **2222.0870000**

METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____
☒ Deposit Account Deposit Account Number: **19-0036** Deposit Account Name: **Sterne, Kessler, Goldstein & Fox P.L.L.C.**
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
- 20 or HP	=	x	=			
HP = highest number of total claims paid for, if greater than 20						
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)			
- 3 or HP	=	x	=			
HP = highest number of independent claims paid for, if greater than 3						

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: **Information Disclosure Statement**

180.00

SUBMITTED BY

Signature	<u>Lori A. Gordon</u>	Registration No. (Attorney/Agent)	50,633	Telephone	(202) 371-2600
Name (Print/Type)	Lori A. Gordon	Date	December 19, 2005		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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476,206



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Rauser *et al.*

Appl. No.: 09/404,597

Filed: September 24, 1999

For: **Optimized Rule Based Constraints
for Collaborative Filtering Systems**

Confirmation No.: 8566

Art Unit: 2177

Examiner: Luke S. Wassum

Atty. Docket: 2222.0870000

Supplemental Information Disclosure Statement

Mail Stop Amendment

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Listed on accompanying IDS Forms are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Applicants have listed publication dates on the attached IDS Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on a date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent

not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Filing under 37 C.F.R. § 1.97(c). This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.

Attached is our PTO-2038 Credit Card Payment Form in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p).

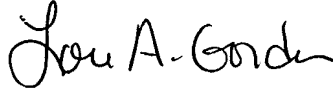
Copies of documents FP1-FP9 and NPL1-NPL53 are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), no copies of U.S. patents and patent application publications cited on the attached IDS Forms are submitted.

It is respectfully requested that the Examiner initial and return a copy of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

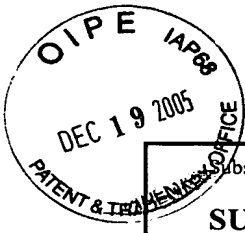
A handwritten signature in cursive script that reads "Lori A. Gordon".

Lori A. Gordon
Attorney for Applicants
Registration No. 50,633

Date: December 19, 2005

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Washington, D.C. 20005-3934
(202) 371-2600

475171_1.DOC



SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	09/404,597
				Filing Date	September 24, 1999
				First Named Inventor	John Rauser
				Art Unit	2177
				Examiner Name	Luke S. Wassum
Sheet	1	of	1	Attorney Docket Number	2222.0870000

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if Known)			
	US1	5,835,087	11-10-1998	Herz <i>et al.</i>	
	US2	5,893,909	04-13-1999	Nomura <i>et al.</i>	
	US3	5,983,214	11-09-1999	Lang <i>et al.</i>	
	US4	6,006,225	12-21-1999	Bowman <i>et al.</i>	
	US5	6,016,475	01-18-2000	Miller <i>et al.</i>	
	US6	6,018,738	01-25-2000	Breese <i>et al.</i>	
	US7	6,049,777	04-11-2000	Sheena <i>et al.</i>	
	US8	6,092,049	07-18-2000	Chislenko <i>et al.</i>	
	US9	6,108,493	08-22-2000	Miller <i>et al.</i>	
	US10	6,112,186	08-29-2000	Bergh <i>et al.</i>	
	US11	6,434,550 B1	08-13-2002	Warner <i>et al.</i>	
	US12	6,636,836 B1	10-21-2003	Pyo	
	US13	2002/0065721 A1	05-30-2002	Lema <i>et al.</i>	
	US14	2002/0199194 A1	12-26-2002	Ali	
	US15	2003/0191737 A1	10-09-2003	Steele <i>et al.</i>	
	US16	2004/0034652 A1	02-19-2004	Hofmann <i>et al.</i>	
	US17	2005/0091245 A1	04-28-2005	Chickering <i>et al.</i>	
	US18	2005/0125307 A1	06-09-2005	Hunt <i>et al.</i>	
	US19				
	US20				

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	FP1	JP 1-169605	07-04-1989	Kamikubo <i>et al.</i>		
	FP2	JP 11-328266	11-30-1999	Haruna <i>et al.</i>		
	FP3	JP 11-338879	12-10-1999	Miyamoto <i>et al.</i>		
	FP4	JP 2000-48046	02-18-2000	Yoshida		
	FP5	JP 2000-57090	02-25-2000	Motohashi <i>et al.</i>		
	FP6	WO 98/33135 A1	07-30-1998	Chislenko <i>et al.</i>		
	FP7	WO 98/40832 A2	09-17-1998	Chislenko <i>et al.</i>		
	FP8	WO 01/24032 A2	04-05-2001	Rauser <i>et al.</i>		
	FP9	WO 01/37162 A2	05-25-2001	Bieganski <i>et al.</i>		

Examiner Signature	Date Considered
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	09/404,597
				Filing Date	September 24, 1999
				First Named Inventor	John Rauser
				Art Unit	2177
				Examiner Name	Luke S. Wassum
Sheet	1	of	6	Attorney Docket Number	2222.0870000

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published		T ²
	NPL1	"Agents that Reduce Work and Information Overload," <i>Communications of the ACM</i> , July 1994, Vol. 37, No. 7, pp. 31-40 and 46.		
	NPL2	Balabonovic, M. et al., "Content-Based, Collaborative Recommendation," <i>Communications of the ACM</i> , March 1997, Vol. 40, No. 3, pp. 66-72.		
	NPL3	Basu, C. et al., "Recommendation as Classification: Using Social and Content-Based Information in Recommendation," <i>Proceedings of the Annual 15th National Conference on Artificial Intelligence (AAAI-98), 10th Conference on Innovative Applications of Artificial Intelligence (IAAI98), Learning About People</i> , 1998, pp. 714-720.		
	NPL4	Belkin, N.J. et al., "Information Filtering and Information Retrieval: Two Sides of the Same Coin?" <i>Communications of the ACM</i> , December 1992, Vol. 35, No. 12, pp. 29-38.		
	NPL5	Berry, M.W. et al., "Using Linear Algebra for Intelligent Information Retrieval," Computer Science Dept., CS-94-270, December 1994, 24 pages.		
	NPL6	Boone, G., "Concept Features in Re: Agent, An Intelligent Email Agent," <i>Autonomous Agents</i> , 1998, pp. 141-148.		
	NPL7	Breese, J.S. et al., "Empirical Analysis of Predictive Algorithms for Collaborative Filtering," Technical Report MSR-TR-98-12, Microsoft Research, Microsoft Corporation, pp. 1-20, May 1998, revised October 1998.		
	NPL8	Cohen, W.W., "Fast Effective Rule Induction," <i>12th Int. Conf. on Machine Learning</i> , July 9-12, 1995, pp 80-89.		
	NPL9	Cohen, W.W., "Learning Rules that Classify E-Mail," in <i>Papers from the AAAI Spring Symposium on Machine Learning in Information Access</i> , pp. 18-25, Stanford, CA, 1996.		
	NPL10	Decision Innovations, www.decision-innovations.com, 01/28/1999 [retrieved 02/11/05], pages 1-22, retrieved from: google.com and archive.org.		

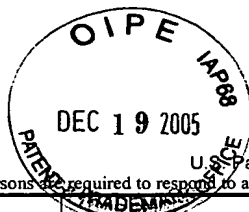
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	09/404,597
				Filing Date	September 24, 1999
				First Named Inventor	John Rauser
				Art Unit	2177
				Examiner Name	Luke S. Wassum
Sheet	2	of	6	Attorney Docket Number	2222.0870000

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T ²	
	NPL11	Ferber, F., "IMAGINE: Extracting knowledge from large collections" < http://teefix.fernuni-hagen.de/~ferber/imagen/ > (2 pages-dated May 7, 1998; printed Jan. 3, 2002).		
	NPL12	Ferber, F., "IMAGINE: Interaction merger for associations gained by inspection of numerous exemplars" < http://teefix.fernuni-hagen.de/~ferber/imagen/imagen-info-engl.html > (4 pages-dated Dec. 15, 1997; printed Jan. 3, 2002).		
	NPL13	Goldberg, D. et al., "Using Collaborative Filtering to Weave an Information Tapestry," <i>Communications of the ACM</i> , December 1992, Vol. 35, No. 12, pp. 61-70.		
	NPL14	Good, N. et al., "Combining Collaborative Filtering With Personal Agents for Better Recommendations," Dept. of Computer Science and Engineering, Univ. of Minnesota, <i>Proceedings of the AAAI-99</i> , 1999, 8 pages.		
	NPL15	Hao, M. et al. "Visualization of Directed Association in E-Commerce Transaction Data," downloaded from < http://www.hpl.hp.com/techreports/2000/HPL-2000-160.pdf > (Hewlett-Packard Company, Dec. 5, 2000, 8 pages including cover page).		
	NPL16	Herlocker, J.L. et al., "An Algorithmic Framework for Performing Collaborative Filtering," Dept. of Computer Science and Engineering, Univ. of Minnesota, <i>Proceedings of the 1999 Conference on Research & Development in Information Retrieval</i> , August 1999, 8 pages.		
	NPL17	Hill, W. et al., "Recommending and Evaluating Choices in a Virtual Community of Use," Computer Graphics and Interactive Media Group Home Page, printed 3/23/2004, 12 pages.		
	NPL18	Houstis, E.N. et al., "PYTHIA-II: A Knowledge/Database System for Managing Performance Data and Recommending Scientific Software," Dept. of Computer Sciences, Purdue Univ., 2000, 24 pages.		
	NPL19	Johnson, M. et al. "Direct E-mail: Winning Long-term Consumer Attention." Jupiter Communications Analyst Report, December 1998, pp. 1-26.		
	NPL20	Joshi, A. et al., "Robust Fuzzy Clustering Methods to Support Web Mining," Dept. of Computer Engineering and Computer Science, Univ. of Missouri, 1998, 9 pages.		

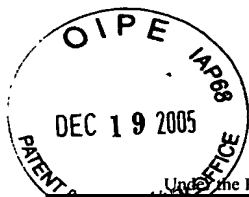
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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Sheet	3	of	6	Attorney Docket Number	2222.0870000

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published		T ²
	NPL21	Karypis, G., "Evaluation of Item-Based Top-N Recommendation Algorithms," downloaded from < https://www.cs.umn.edu/tech_reports/listing/tr2000/00-046.pdf >., University of Minnesota - Computer Science and Engineering, Technical report #00-046, September 15, 2000, 15 pages including cover page.		
	NPL22	Karypis, G., "SUGGEST Top-N Recommendation Engine, Version 1.0," downloaded from http://www-users.cs.unm.edu/~karypis/suggest/Files/manual.pdf , Nov. 7, 2000, 11 pages.		
	NPL23	Kautz, H. et al., "ReferralWeb: Combining Social Networks and Collaborative Filtering," <i>Communications of the ACM</i> , March 1997, Vol. 40, No. 3, 4 pages.		
	NPL24	Konstan, J.A. et al., "Applying Collaborative Filtering to Usenet News," <i>Communications of the ACM</i> , March 1997, Vol. 40, No. 3, pp. 77-87.		
	NPL25	Lieberman, H., "Autonomous Interface Agents," <i>Proceedings of the Conference on Human Factors in Computing Systems</i> , CHI '97, March 1997, pp. 67-74.		
	NPL26	Long, T. et al. "Beyond the Banner - the birth of email marketing," C.E. Unterberg, Towbin Report, pp. 1-72 (no date).		
	NPL27	Maltz, D., "Distributing Information for Collaborative Filtering on Usenet Net News, Master's Thesis, Massachusetts Institute of Technology, May 1994, 78 pages.		
	NPL28	Maltz, D. et al., "Pointing the Way: Active Collaborative Filtering," <i>Proceedings of CHI '95</i> , Denver, Colorado, 1995, 8 pages.		
	NPL29	McJones, P. and DeTreville, J., "Each to Each Programmer's Reference Manual," SRC Technical Note, 1997-023, October 1, 1997, Systems Research Center, Palo Alto, CA, 16 pages.		
	NPL30	Meyer, C.D., <i>Matrix Analysis and Applied Linear Algebra</i> , Society for Industrial and Applied Mathematics, 2000, copy of entire book submitted.		

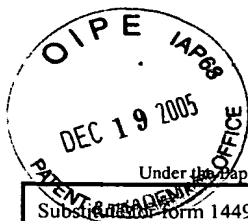
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/404,597
				Filing Date	September 24, 1999
				First Named Inventor	John Rauser
				Art Unit	2177
				Examiner Name	Luke S. Wassum
Sheet	4	of	6	Attorney Docket Number	2222.0870000

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T ²	
	NPL31	Miller, B.N. et al., "Experiences with GroupLens: Making Usenet Useful Again," USENIX Association, 1997 Annual Technical Conference, pp. 219-233.		
	NPL32	"Movie critic" Internet address: http://www.moviecritic.com/faq.html , May 8, 2000, 6 pages.		
	NPL33	Nasraoui, O. et al, "Mining Web Access Logs Using Relational Competitive Fuzzy Clustering," Computer Engineering and Computer Science, Univ. of Missouri, 1999, 5 pages.		
	NPL34	Net Perception, Inc., www.netperceptions.com , 01/18/1997 [retrieved 02/11/05], pages 1-31, retrieved from: google.com and archive.org .		
	NPL35	"Net Perceptions Launches Comprehensive Hosted Marketing Service for eRetailers," Net Perceptions press release dated July 12, 2000 < http://fbiz.yahoo.com/bw/000712/mn_netper.html > (3 pages-dated July 12, 2000; printed July 12, 2000).		
	NPL36	O'Harrow Jr., R., "Private or Not?" Washington Post, May 17, 2000; G22 < http://www.washingtonpost.com/ > (4 pages-dated May 17, 2000; printed June 13, 2000).		
	NPL37	ProQuest, "GroupLens focuses on customers," InfoWorld, San Mateo, March 9, 1998, Vol. 20, Issue 10, 3 pages.		
	NPL38	ProQuest, "Net Perceptions Celebrates New Triumphs at Internet World Spring; GroupLens 3.0 Debuts, N2K's Music Boulevard Goes Live," Business Wire, New York, March 5, 1998, 2 pages.		
	NPL39	Resnick, P. et al., "GroupLens: An Open Architecture for Collaborative Filtering of Netnews," MIT Center for Coordination Science, Cambridge, MA, <i>Proceedings of the 1994 Computer Supported Collaborative Work Conference</i> , 1994, pages 175-186.		
	NPL40	Resnick, P. et al. "Recommender Systems," <i>Communications of the ACM</i> , Vol. 40, No. 3, March 1997, pp. 56-58.		

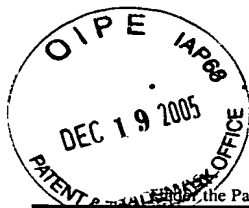
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Substitute for form 1449/PTO				Complete if Known	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	09/404,597
				Filing Date	September 24, 1999
				First Named Inventor	John Rauser
				Art Unit	2177
				Examiner Name	Luke S. Wassum
Sheet	5	of	6	Attorney Docket Number	2222.0870000

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	NPL41	Rocha, L.M., "Adaptive Recommendation and Open-Ended Semiosis," <i>Kybernetes</i> , 2001, Vol. 30, No. 5-6, pp. 821-851		
	NPL42	Salton, G. and Buckley, C., "Term-Weighting Approaches in Automatic Text Retrieval," Dept. of Computer Science, Cornell University, Ithaca, NY, Information Processing & Management, 1988, Vol. 24, No. 5, pp. 513-523.		
	NPL43	Sarwar, B.M. et al., "Item-based Collaborative Filtering Recommendation Algorithms," Dept. of Computer Science and Engineering, Univ. of Minnesota, Minneapolis, MN,, Appears in WWW10, May 1-5, 2001, Hong Kong, 15 pages.		
	NPL44	Sarwar et al., "Using Filtering Agents to Improve Prediction Quality in the GroupLens Research Collaborative Filtering System," Dept. of Computer Science and Engineering, Univ. of Minnesota, Minneapolis, MN, 1998, pp. 345-354.		
	NPL45	Schafer, J.B. et al. "Recommender Systems in E-Commerce," Proceedings of the ACM Conference on Electronic Commerce, November 3-5, 1999, pp. 158-166.		
	NPL46	Shardanand, U. and Maes, P. "Social Information Filtering: Algorithms for Automating 'Word of Mouth'," MIT Media-Lab, Cambridge, MA, <i>Proceedings of the ACM CHI '95</i> , 1995, pp. 210-217.		
	NPL47	Stellin, S., "Internet Companies Learn How to Personalize Service," N.Y. Times, Aug. 28, 2000 < http://www.nytimes.com/library/tech/00/08/cyber/commerce/28commerce.html > (5 pages-dated Aug. 28, 2000; printed Aug. 28, 2000).		
	NPL48	Swets, J., "Measuring the Accuracy of Diagnostic Systems," <i>Science</i> , June 1988, Vol. 240, pp. 1285-1293.		
	NPL49	Terveen, L. et al., "Phoaks: A System for Sharing Recommendations," <i>Communications of the ACM</i> , March 1997, Vol. 40, No. 3, pp. 59-62.		
	NPL50	U.S. Provisional Application No. 60/155,437, filed September 23, 1999, 18 pages.		

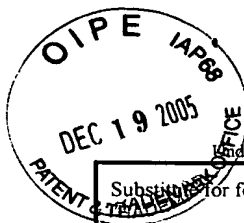
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				Filing Date	September 24, 1999
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	NPL51	van Lint, J.H. & Wilson, R.M., <i>A Course in Combinatorics</i> , Second Edition, Cambridge University Press, 2001, entire book submitted.	
	NPL52	www.amazon.com - Shows user recommendations, as archived November 9, 2000, 2 pages.	
	NPL53	www.moviecritic.com - Internet website, as archived February 18, 1999, 1 page.	
	NPL54		
	NPL55		
	NPL56		
	NPL54		
	NPL58		
	NPL59		
	NPL60		

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